

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the paragraph bridging pages 18 and 19 with the following amended paragraph:**

As shown in FIG. 9, the measuring portion B comprises an absorbance measuring unit 10 and a pH cell 12. The piping up to the pH cell 12 is 3 mm in inside diameter, and the pH cell 12 is 14 mm in inside diameter. A column 14 for supplying and storing a saturated KCl solution is connected to the pH cell 12, and a temperature sensor 16 is provided. The inside diameter of a tube piped from the place of the temperature sensor 16 and ~~bypassing upstream of an absorbance cell 10a~~ pH cell 12, so that the plating solution containing bubbles would not be introduced into the absorbance cell 10a. Though not shown, the absorbance measuring unit 10 comprises a light-receiving portion on one side of the absorbance cell 10a, and a second diaphragm, an interference filter, a primary diaphragm, and a light source lamp in this order from the cell 10a side on the other side. Further, in order that two kinds of interference filters can be automatically changed over with good accuracy, two filters are disposed in a fan form from a shaft of a low-speed motor in the condition of being fixed by axes as short as possible, and a mechanism is provided such that one of the filters is moved to and stopped at a predetermined position in an optical path by rotating the motor forwards or reversely.